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## Magnetic Particles for Use in Separations

Guest Editor:

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Deadline for manuscript submissions:

**closed (31 December 2022)**

### **Message from the Guest Editor**

Magnetic separation, the use of which started in the mining industry, has in recent years seen a huge expansion in areas of application, including analytical procedures and sample preparation for diagnostic, bioprocessing, food and chemical processing and treatment of effluents, among others. The recent developments in magnetic nanomaterials, and their increasing application in medicine to treat different types of diseases, and the increasing interest in lab-on-a-chip (LOC) devices are new areas for using magnetic particles for separations. The synthesis and functionalization of new magnetic particles with different and improved characteristics, especially at the micro- and nano-levels, is fundamental for the success of their application in separation/purification processes.



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## Message from the Editor-in-Chief

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